

900 GeV pp

Underlying Event

Sum(p_T) Density (TWRD) ($|\eta| < 2.5, p_T > 0.1$ GeV)

- ATLAS
- - □ Herwig 7.0.4 default
- - ▲ Pythia 8.301 default
- - ◆ Sherpa 2.1.1 default

Rivet 3.1.0, ≥ 6.9 M events

mcplots.cern.ch [arXiv:1306.3436]

ATLAS_2010_S8894728

Ratio to ATLAS

0.5

2

0.5

2

 $\langle d^2 \text{sum } p_T / d\eta d\phi \rangle$ [GeV]

4

3.5

3

2.5

2

1.5

1

0.5

0

2

4

6

8

10

 p_T (leading track) [GeV]